qtxlight

# USER MANUAL

## LUX-LD30W LED MOVING HEAD

150.447UK

## LUX-LD30W LED MOVING HEAD – For indoor use only

**Caution! Please read this manual carefully before operating!**
**Damage caused by misuse is not covered by the warranty!**

### 1. General Introduction :

With a powerful 30W white LED this moving head has the equivalent light output of a 150W halogen bulb, yet uses approx. 20% of the power. It is has 5 modes of operation including 2 auto, 2 sound-to-light and DMX512. The light also features an 8 colour wheel and a choice of 7 different gobos that can be auto rotated to create a variety of effects. Each shape or pattern can also be strobed via DMX or as part of the internal programs. Perfect for installations in bars, nightclubs, stage shows and concerts.

**Features :**

- Very high power 30W white LED (50,000 hrs)
- 8 selectable colours
- 7 selectable gobos
- More vivid colours than equivalent halogen fixtures
- Manual focus adjustment to sharpen the image and spot over a large distance
- DMX in/out connections via 3-pin XLR
- 10 channel DMX, colour select, gobo, select, rotation, strobe, pan, tilt, pan and tilt speed, pan fine, tilt fine, and reset
- Master and slave modes
- Strobe speed adjustable
- Auto/sound activated
- Fan cooled
- Lightweight high quality casing with special coating for extra protection

### 2. Package Contents :

Please check the contents to ensure that the product has been received in good condition.

| | |
|---|---|
| Light x 1unit | User's Guide x 1pcs |
| Power Cord x 1pcs | |

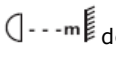
If you find any accessory is missing or the lighting has arrived with any problems, please contact your local dealer at once. Do not try to fix this item yourself or you will lose the warranty. Please keep the original package and invoice for any possible replacement or returned demand.

**3. Installation :**

Every person involved with the installation, operation and maintenance of this device should be qualified and follow the instructions of this User Guide. We recommend that this product is not used for audience scanning. When you connect to the main power supply the device will illuminate and the light effect will change with music when in sound activated mode.

**4. Caution! To prevent Mortal Electrical Risk and Long Life Operation :**

For your safety, please kindly pay attention to all of the warnings listed below:

- Always plug in the power plug last and disconnect from the mains, when the device is not in use or before cleaning.
- Do not install and operate the device in rain or extreme heat, moisture or dusty environments.
- This device is for indoor use only and in a dry environment.
- Do not switch on immediately but wait until it reaches to room temperature, if the device has been exposed to drastic temperature fluctuations.
- Do not shake the device and avoid brute force when installing or operating
- Do not spread the smoke or bubble of effect machine directly to the device.
- Do not use the device during thunderstorms and please disconnect the power.
- Do not use solvents or aggressive detergent to clean the device. Use a soft and clean cloth.
- Do not modify the device or the connected power cord without authorization.
- Use appropriate safety-rope for safety.
- Do not stare to the light.
- The symbol 

determines the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 0.1m.

**6. Connect with power supply - The ground wire must be connected :**

Use the plug to connect to the main power supply as following.

| Line | Connection | International signal |
|---|---|---|
| Brown | cathode | L |
| Blue | anode | N |
| Yellow /Cyan | Ground wire | |

**7. Quick Trouble Shooting :**

7.1 if the unit is not functional – Check if main power is on and fuse.

7.2 if the unit is not reacting to music – check the unit is in "Snon" mode on the display.

**8. Replacing Fuse :**

Disconnect from the main power supply first, then remove the fuse holder above the IEC Socket to reveal the fuse. Replace the correct fuse rating as stated on lighting or user guide. Then, lock the fuse holder cover back into place.

## 9. General Maintenance :

To maintain optimum performance and minimize wear, fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when fixture is cold with a mild solution to the cloth or tissue, and drag dirt and grime to the outside of the lens. Gently polish optical surface until they free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequently depends on the environment in which the fixtures operates: damp, smoky or particularly dirty surroundings can require cleaning fluid. Always dry the parts carefully. Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

## 10. Mounting instruction :

The fixture may be mounted in any position provided there is adequate room for ventilation.

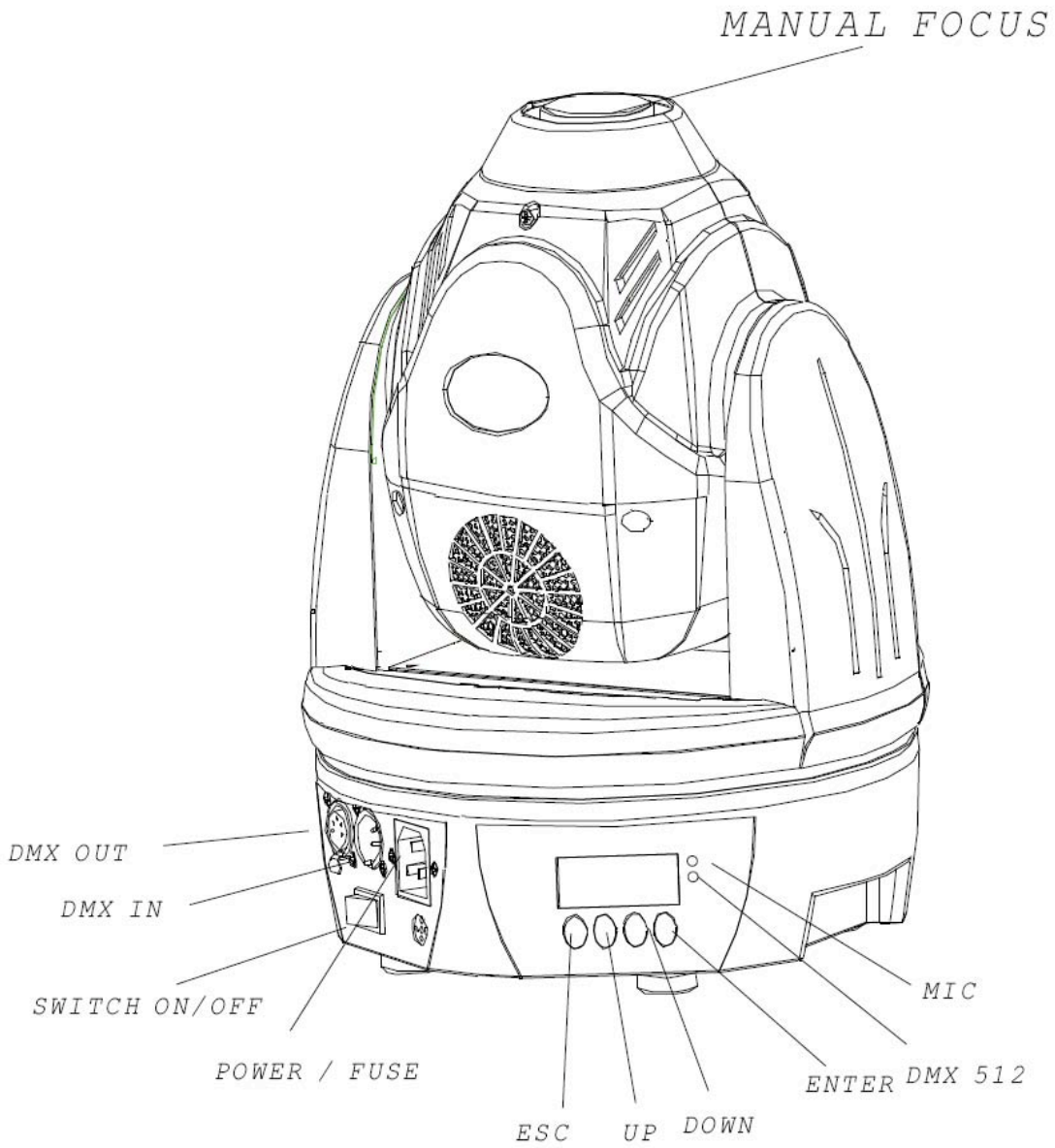
It is important never to obstruct the fan or vents pathway. Mount the fixture using a clamp.

Adjust angle of the fixture loosening both knobs and tilting the fixture. After finding desired position, retighten both knobs.

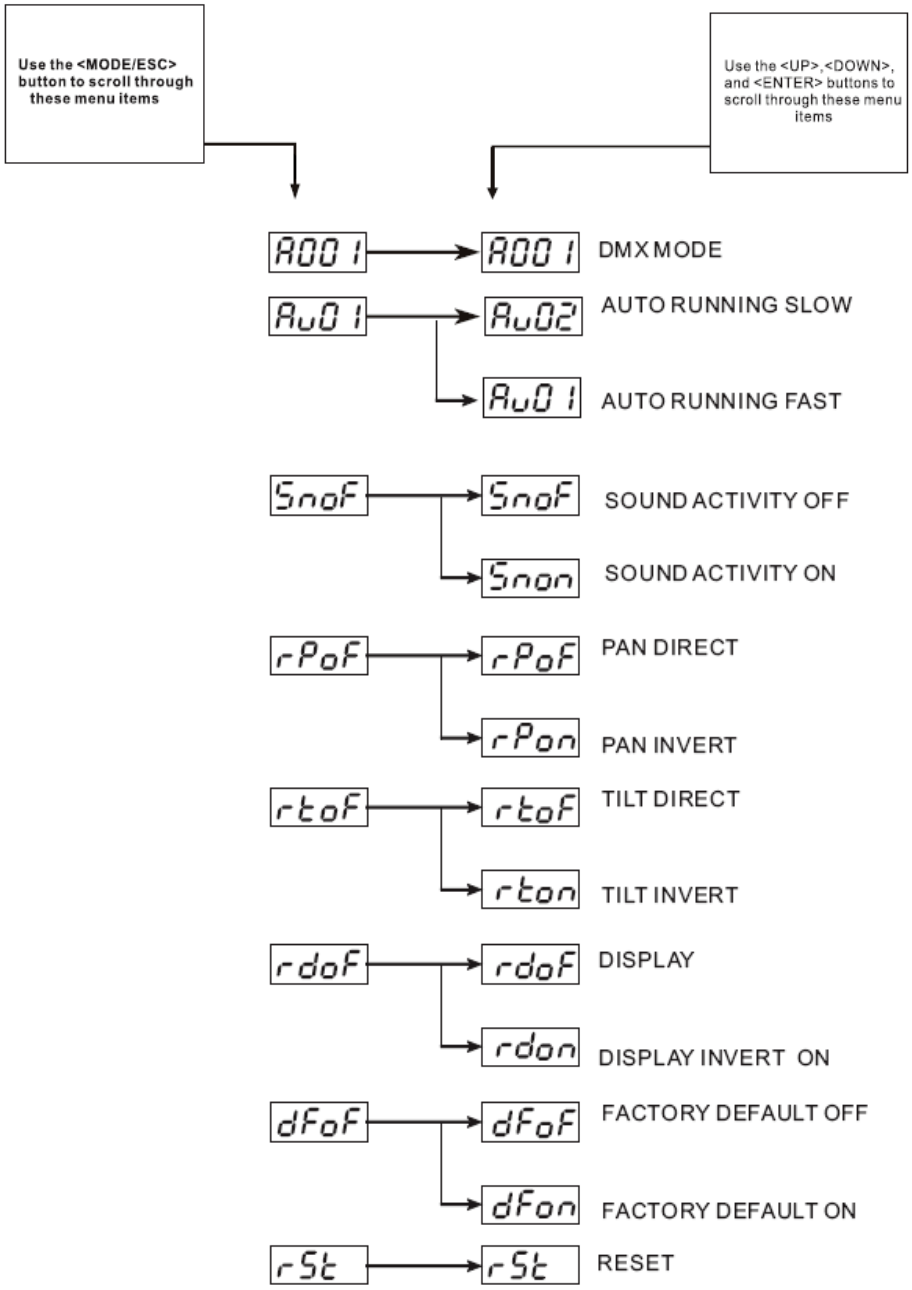
When selecting installation location, take into consideration lamp replacement access and routine maintenance. Safety cables must always be used.

Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperatures changes or restricted ventilation.

## 11. Layout for the LUX LD-30W :



**12. Digital Display Setting & Function :**



**13. DMX Controlling :**

| | **Function & Value** |
|---|---|
| **Channel 1** | **Colour Gobo Wheel 7 Colour**<br>000-017 White<br>018-033 Red<br>034-050 Yellow<br>051-067 Cyan<br>068-084 Green<br>085-101 Orange<br>102-107 Purple<br>108-127 Blue<br>128-192 Colour scroll clockwise fast to slow<br>193-255 Colour scroll anti clockwise slow to fast |
| **Channel 2** | **6 Gobo wheel + Spot**<br>000-020 Spot<br>021-041 Gobo 1<br>042-062 Gobo 2<br>063-083 Gobo 3<br>084-104 Gobo 4<br>105-119 Gobo 5<br>120-127 Gobo 6<br>128-192 Gobo scroll clockwise fast – slow<br>193-255 Gobo scroll anti clockwise slow - fast |
| **Channel 3** | **Gobo rotation**<br>000 No rotation<br>001-127 Clockwise fast to slow<br>128-255 Anti clockwise slow to fast |
| **Channel 4** | **Dimmer + Strobe**<br>000 Closed<br>001-115 0-100% Dimmer<br>116-243 Strobe slow to fast<br>244-255 Open |
| **Channel 5** | **Pan rotating** |
| **Channel 6** | **Tilt rotating** |
| **Channel 7** | **Pan & Tilt speed**<br>000-255 Fast to slow |
| **Channel 8** | **Pan fine 16bit** |
| **Channel 9** | **Tilt fine 16bit** |
| **Channel 10** | **Reset**<br>000 – 149 No action<br>150-200 Electronic reset |

**14. Disposal :**

Please disposal of the unserviceable device according to the current statutory requirements.

## 15. Technical specification :

| | |
|---|---|
| **Voltage** : AC 230V 50~60Hz | **LED Type** : Φ10, Angle : 30° |
| **LED** : 1 x 30W White LED | **LED Life**: Upto 50,000 hours |
| **Fuse :** 2A | **Lux:** 850 @3m |
| **Power Consumption**: 54W | **Beam Angle**: 12 degrees |
| **Dimensions :** 345 X 340 X 435mm | **Weight:** 6.8kg |

Note: This product conforms to Laser and LED Safety standard BSEN60825-1 2007